



SAFETY ALERT

Dropped Bottom Hole Assembly Strikes Worker

Safety Alert: #07 - 2010	Release Date: May 11, 2010
Incident Type: Dropped object from slipped sling	Country of Origin: Western Canada

Description of Incident:

- A service rig crew had removed a full tubing joint from the Bottom Hole Assembly (BHA) with tongs. The BHA was standing with one end resting on ground, through the rig floor beside the BOP's.
- The rig manager, driller, derrickhand and floorhand #1, conducted a hazard assessment and tailgate meeting on the rig floor. Due to the height of the BHA, they made a decision to pick up the BHA (5.5 M long and 404 lbs) with a nylon sling and lay down on the catwalk to install a handling pup.
- The rig manager used a double choked nylon sling on the BHA. When raising the BHA to floor height, the derrickhand positioned the BHA over the V-Door. While positioning BHA, Floorhand #2 entered from the off driller side (where V-Door was positioned). When hearing the rig manager tell everyone to stand clear, floorhand #2 turns to leave the floor, the BHA suddenly fell from the sling, contacting the worker with a glancing blow to the right arm.

What Caused It:

- Pick-up nubbin not used to lift BHA, instead a nylon sling was used on the smooth surface of the pipe with no means of preventing it from sliding off.
- Work area congestion around suspended BHA.
- Worker joined work task while lift was in progress.

Corrective Actions:

- Rigs should be equipped with enough pick-up nubbins to safely lift any sized BHA onsite and be used for all lifting activities of BHAs.
- Rigging and Slings, and/or Hoisting and lifting procedures should include the types of lifts and methods for using nylon slings.
- Workers should only join a work process after being specifically instructed to do so, so others are aware of them.
- All personnel to be involved in a work process should be involved in the field level hazard assessment.

Contact:

For more information of event, please contact safety@enform.ca

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